



## **Bacterial-based additives for the production of artificial snow: What are the risks to human health?**

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### **► To cite this version:**

Arnaud Lagriffoul, Jean-Luc Boudenne, Rafik Absi, Jean-Jacques Ballet, Jean-Marc Berjeaud, et al.. Bacterial-based additives for the production of artificial snow: What are the risks to human health?. Science of the Total Environment, 2010, 408 (7), pp.1659-1666. 10.1016/j.scitotenv.2010.01.009 . hal-00558461

**HAL Id: hal-00558461**

**<https://hal.science/hal-00558461>**

Submitted on 21 Jan 2011

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## Tables

Table I

Exposure scenarios and types of persons concerned

Exposure scenario	Type of person exposed
During mixture preparation in the tank	Snowmaker
During cleaning of the mixing equipment	Snowmaker
To the artificial snow plume	Adult and child skiers
	All staff
To artificial snow on the ground	Adult and child skiers
	All staff

Table II

Human health risks relating to exposure to artificial snow

<i>Exposure</i>							
Type of person		Mixture	Diluted	Cleaning	Snow	Snow	on
		preparation	product	mixing	plume	ground	
		equipment					
		Negligible			Negligible		
Snowmakers with PPE		to	Negligible	Negligible	to	Nil	
		low			low		
		Low		Low			
Snowmakers	without	to	Low	to		Nil	
PPE		moderate		moderate			
Slope managers, slope					Nil		
safety officers, ski	na	na	na	to	Nil		
instructors, rescue				negligible			
workers							
Snow	grooming						
machine drivers, ski lift	na	na	na	Nil	Nil		
operators							
					Nil		
Child skiers		na	na	na	to	Negligible	
					negligible		
		Nil					

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Adult skiers	na	na	na	to	Nil
				negligible	

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na: not affected